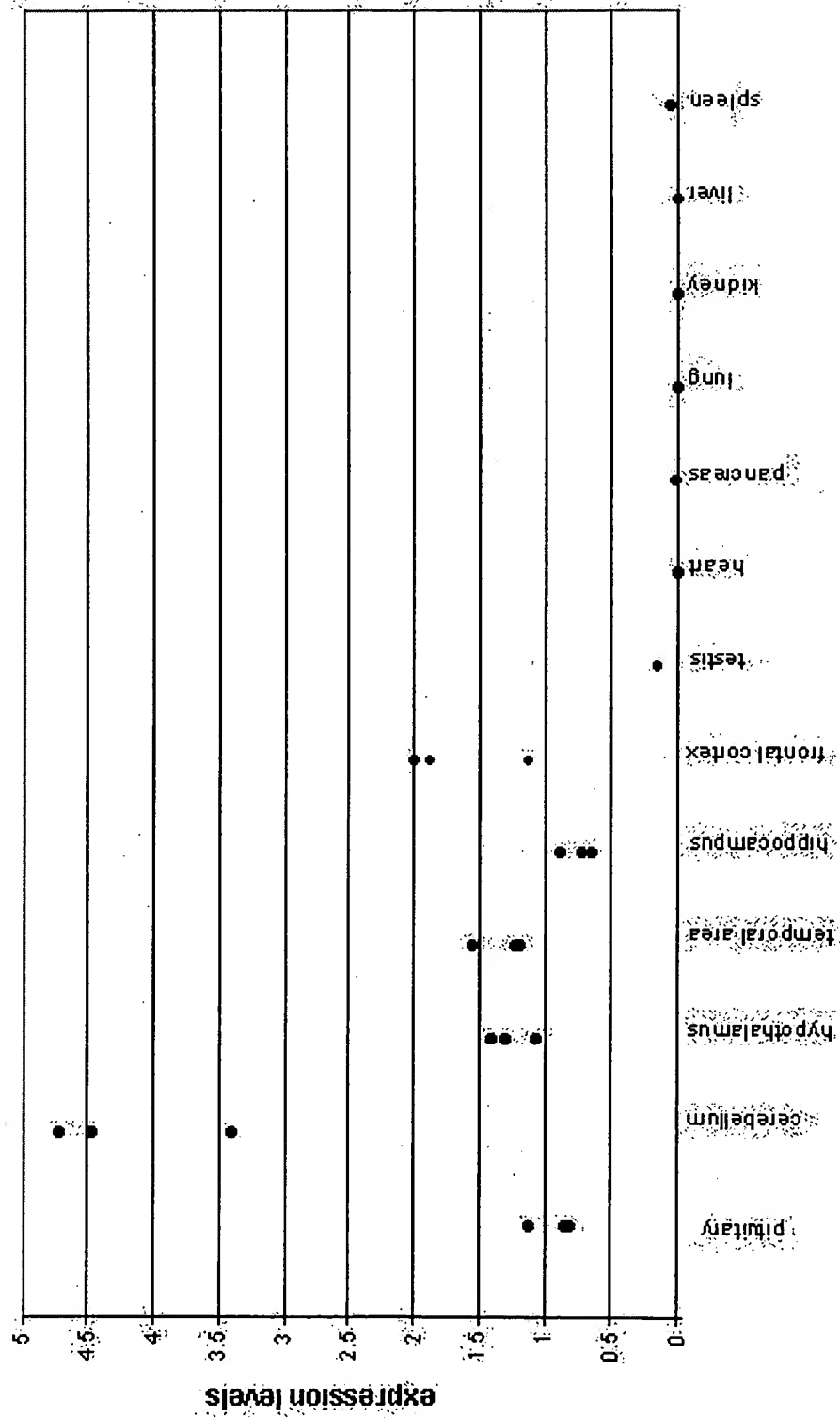


Table 1

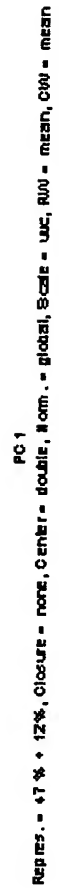
	Gene Name	CDS	SEQ ID	Title	Sequence Derived from
down	1700016E05RK		1	RIKEN cDNA 1700016E05 gene	AB42377
down	2300002F06RK		2	RIKEN cDNA 2300002F06 gene	AW123584
down	2810008D04RK		3	RIKEN cDNA 2810008D04 gene	AB46337
down	2810511G02RK		4	RIKEN cDNA 2810511G02 gene	AV221664
down	4631430D1RK		5	RIKEN cDNA 4631430D1 gene	AB26942
down	AK14047		6	expressed sequence AK14047	AW125649
down	General:47834		7	ESTs: Moderately similar to VIS3: MOUSE VISININ-LIKE	C80148
down			8	ESTs: Moderately similar to VIS3: MOUSE VISININ-LIKE	AB43393
down	B-FABP		9	Brain Fatty acid-binding protein gene	UD4827
down	B-FABP		10	Brain Fatty acid-binding protein	AAA81304
down	Edg2	214-1308	11	endothelial differentiation, lysophosphatidic acid G-protein-	U13370
down	Fmr2	1-1038	12	coupled receptor, 2	M23362
down	Gab1	24-2111	13	fibroblast growth factor receptor 2	AD4828
down	Hpcal1	261-942	14	growth factor receptor bound protein 2-associated protein	AF085192
down	Hsd11b1	128-1006	15	hippocalcin-like 1	X83202
down	Ntsr2	27-1280	16	hydroxysteroid 11-beta dehydrogenase 1	U51908
down	Ntsr1	444-1718	17	neurotensin receptor 2	NM_01876
down	Ywhaq	21-788	18	neurotensin receptor 1	U56243
up	1110014J22RK		19	tyrosine 3-monooxygenase etorphinophan 5-monooxygenase	AB52646
up	1200008D14RK		20	activation protein, theta polypeptide	AW209838
up	1600023A02RK		21	RIKEN cDNA 1200008D14 gene	AV010587
up	3110003A17RK		22	RIKEN cDNA 1600023A02 gene	AA633425
up	3110023F10RK		23	RIKEN cDNA 3110003A17 gene	AW196392
up	AK87857		24	RIKEN cDNA 3110023F10 gene	AF63024
up	AK80570		25	expressed sequence AK87857	AB46545
up	Flkbp5	220-1690	26	expressed sequence AK80570	U16889
up	Pdyn	1-747	27	Flk508 binding protein 5 (51 kDa)	AV382264
up	Perk1	297-1108	28	prodynorphin	NM55181
up	Srk	66-1384	29	preproenkephalin 1	AW046181
up			30	serum/plasma oocyte cold-regulated kinase	

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Fig. 1



4



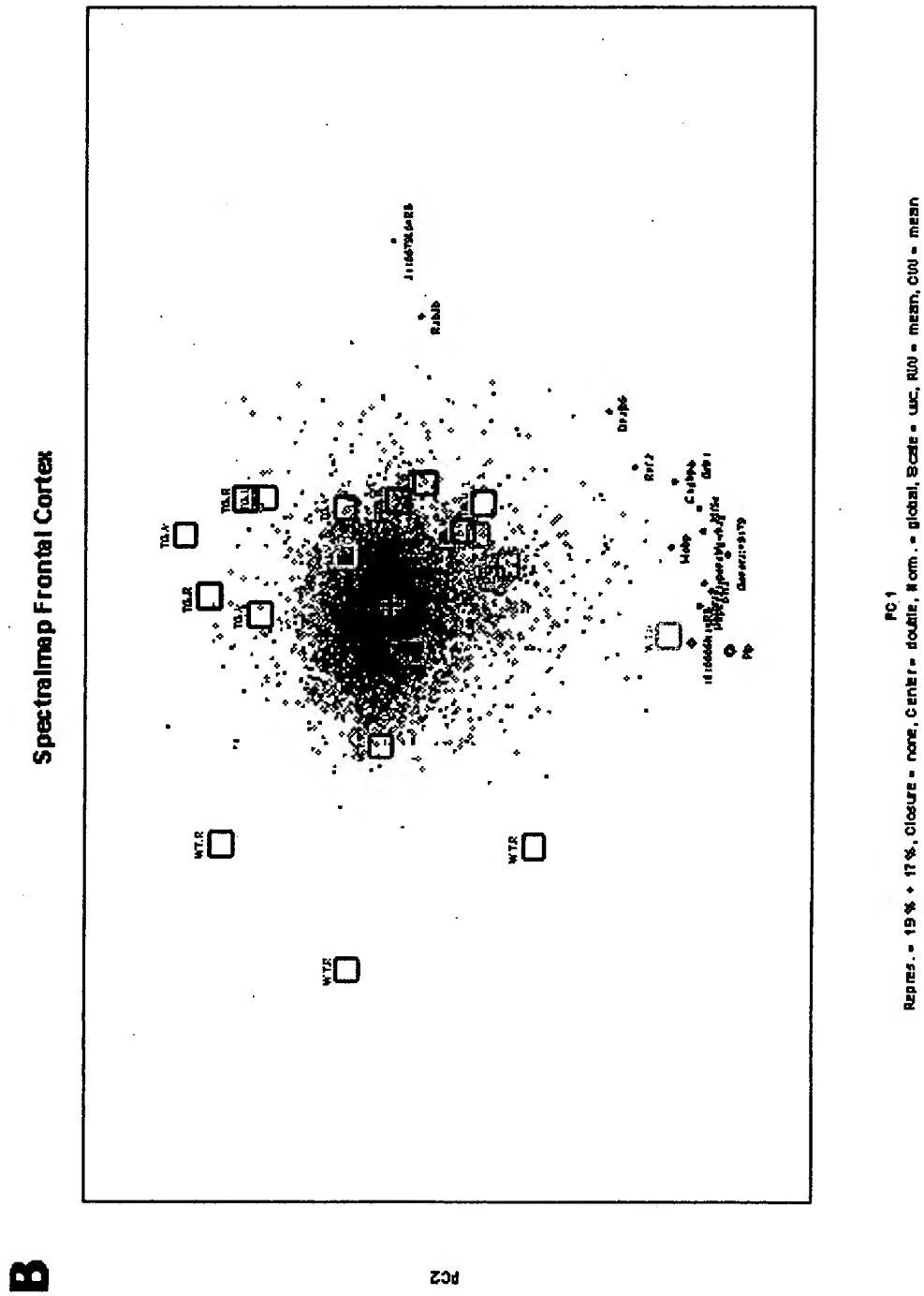
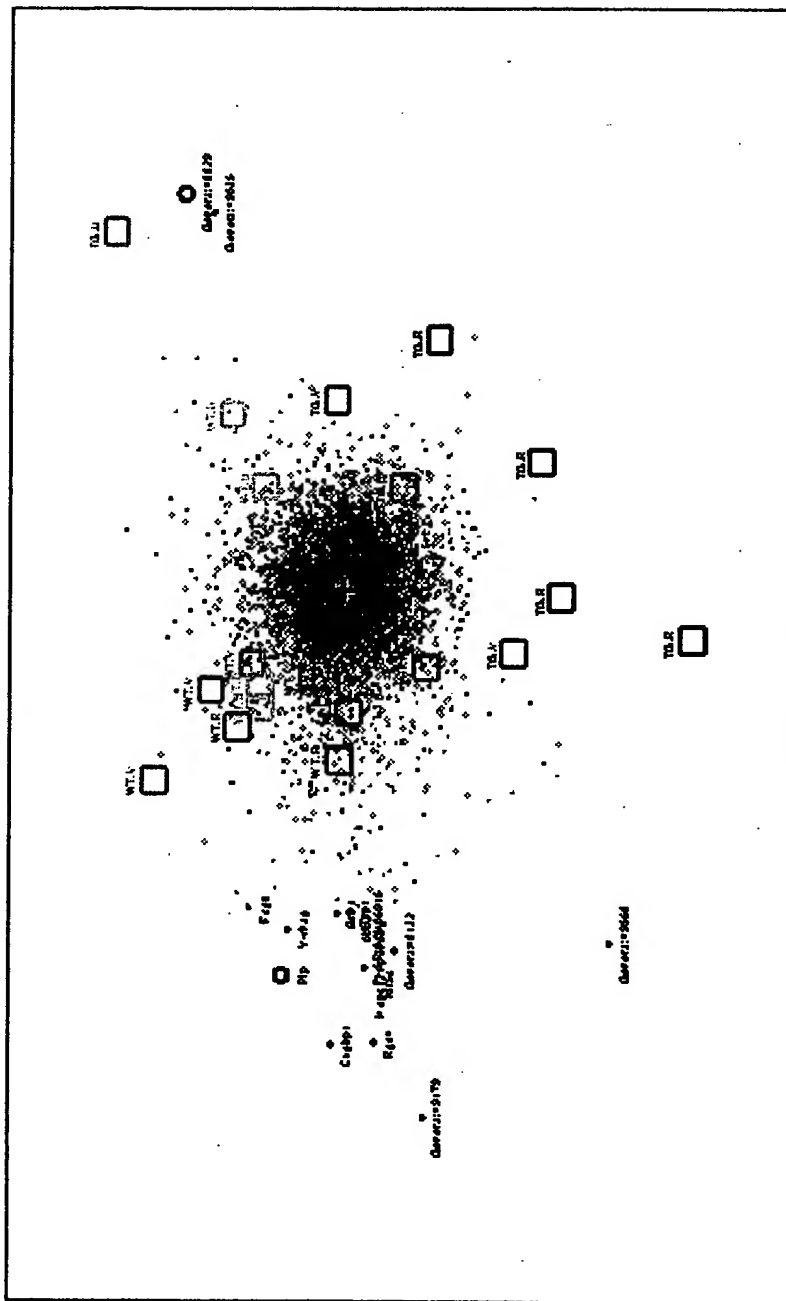


Fig.2 continued

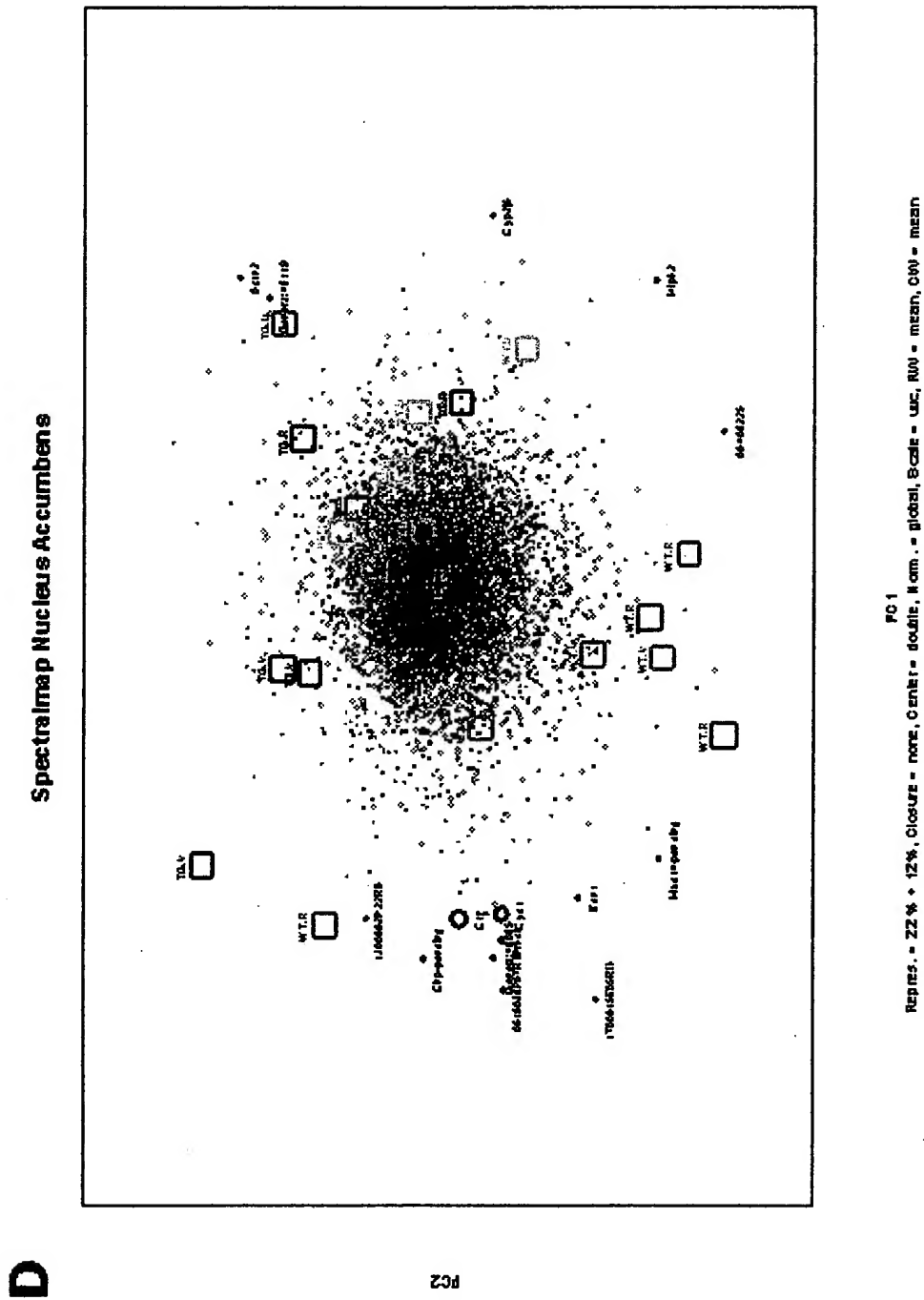
Spectralmap Hippocampus

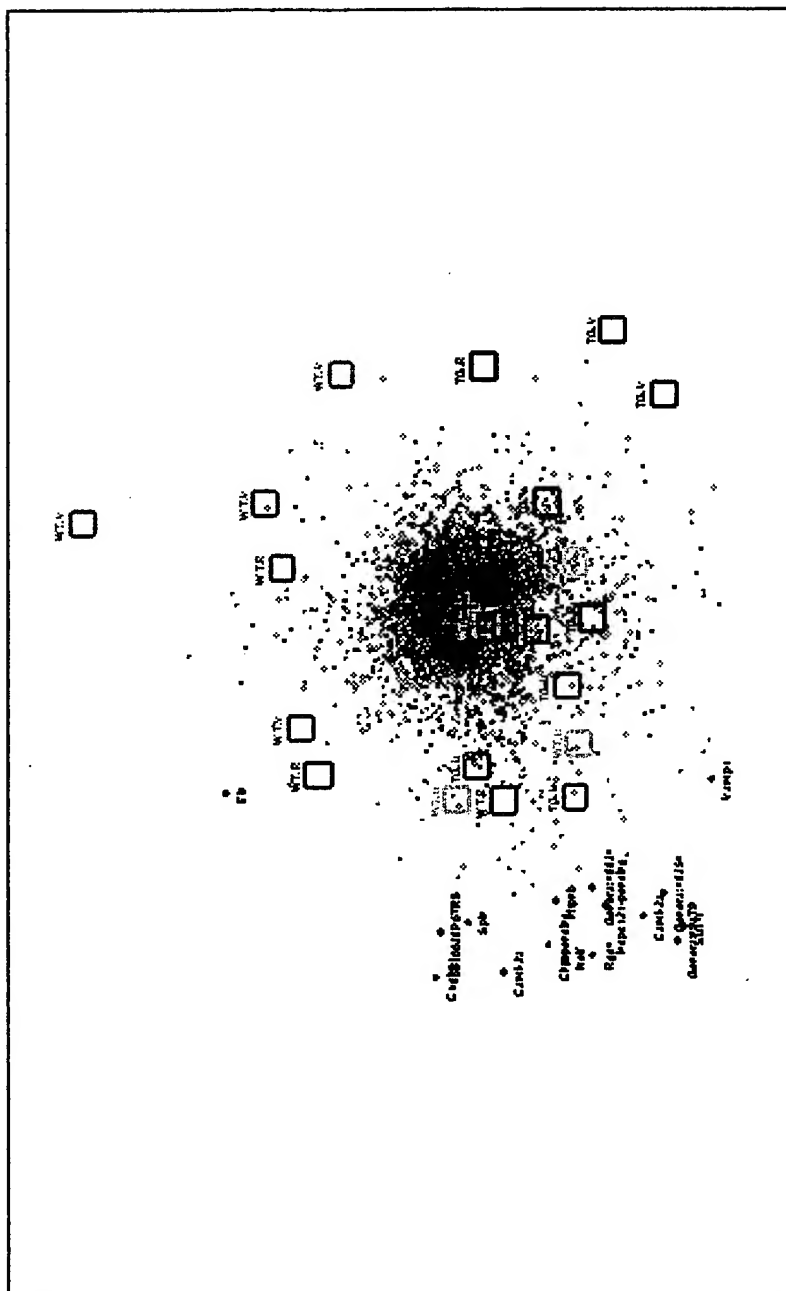
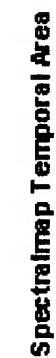


Repes. = 25% + 13%, Closure = none, Center = double, Norm. = global, Scale = auc, RU0 = mean, CU0 = mean

PO 1

Fig.2 continued





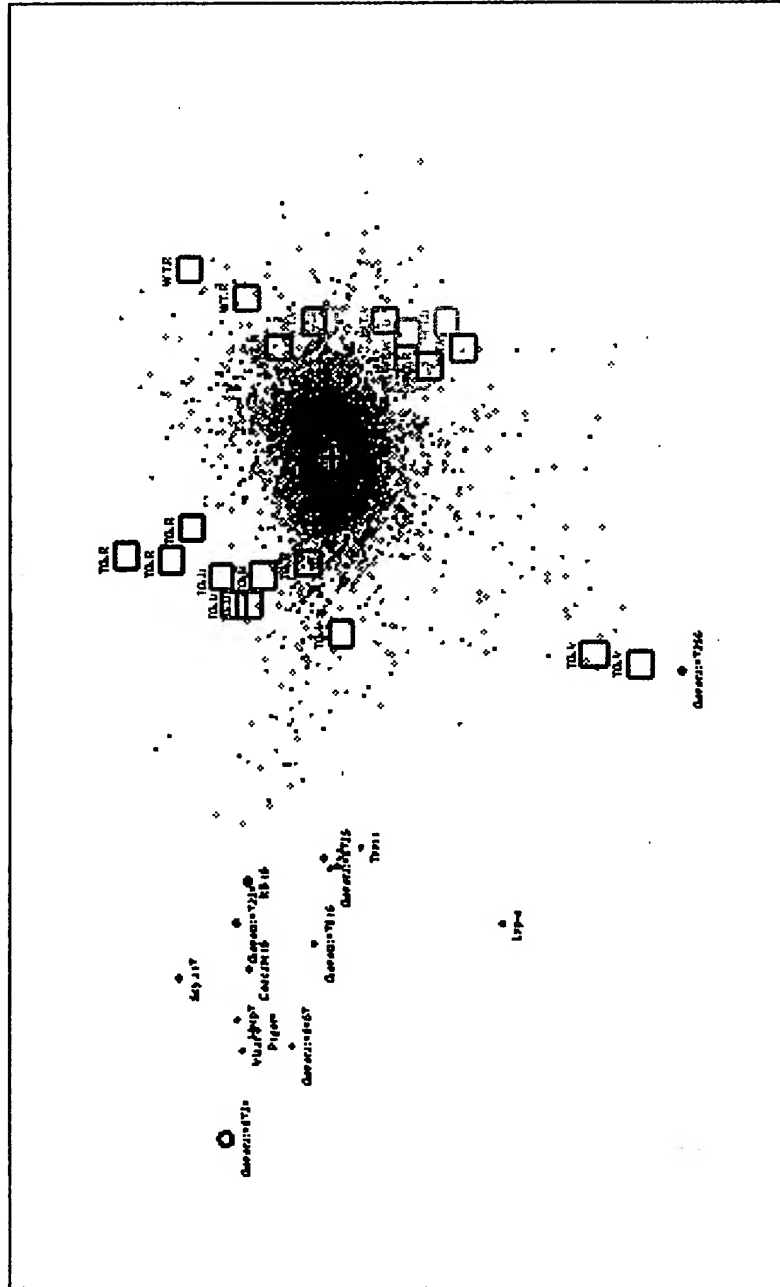
PC 1

PC2

Fig.2 continued

F

Spectralmap Pituitary



PC1
Repres. = 28% + 10%, Closure = none, Center = double, Mom. = global, Scale = use, R00 = mean, C00 = mean

PC2

Fig. 3

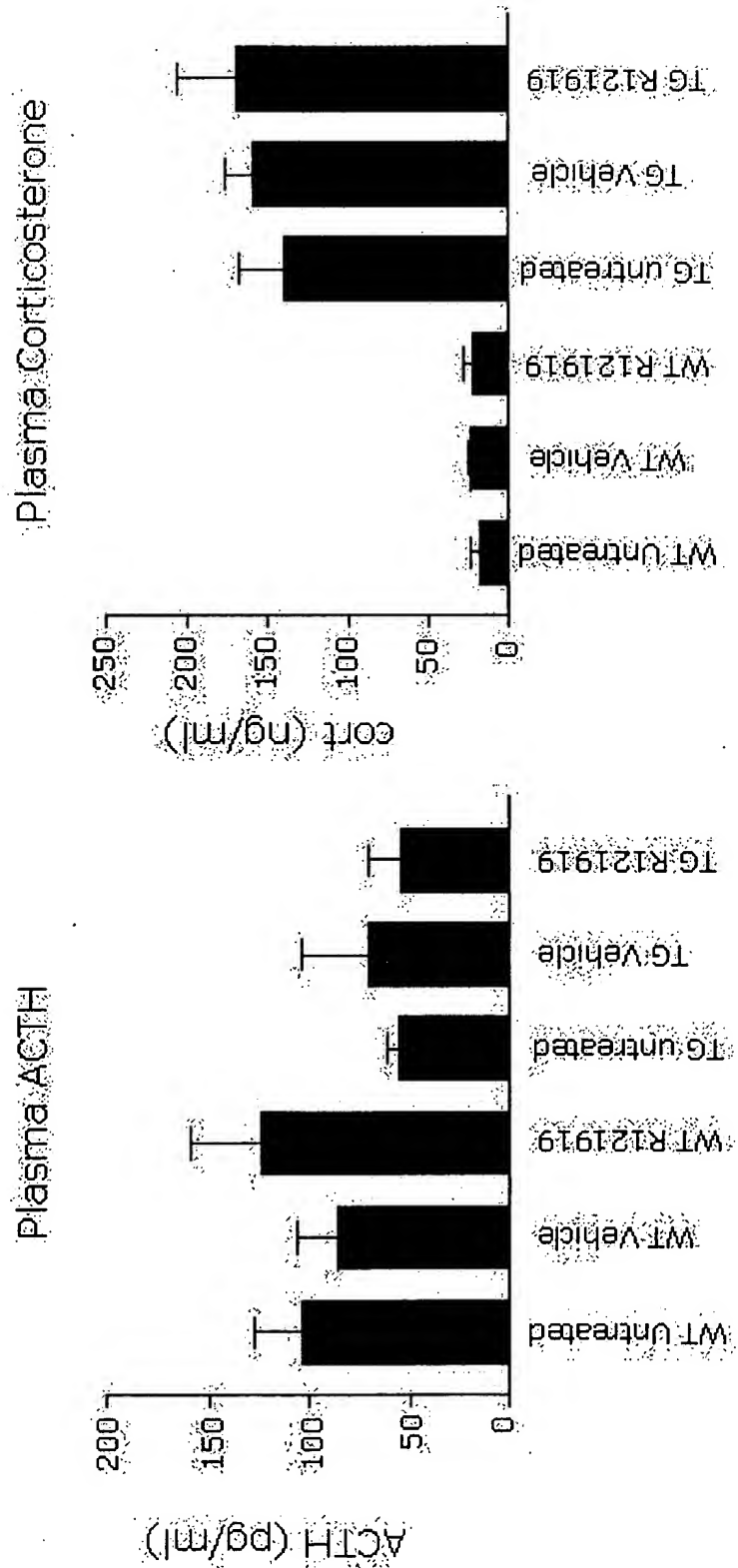
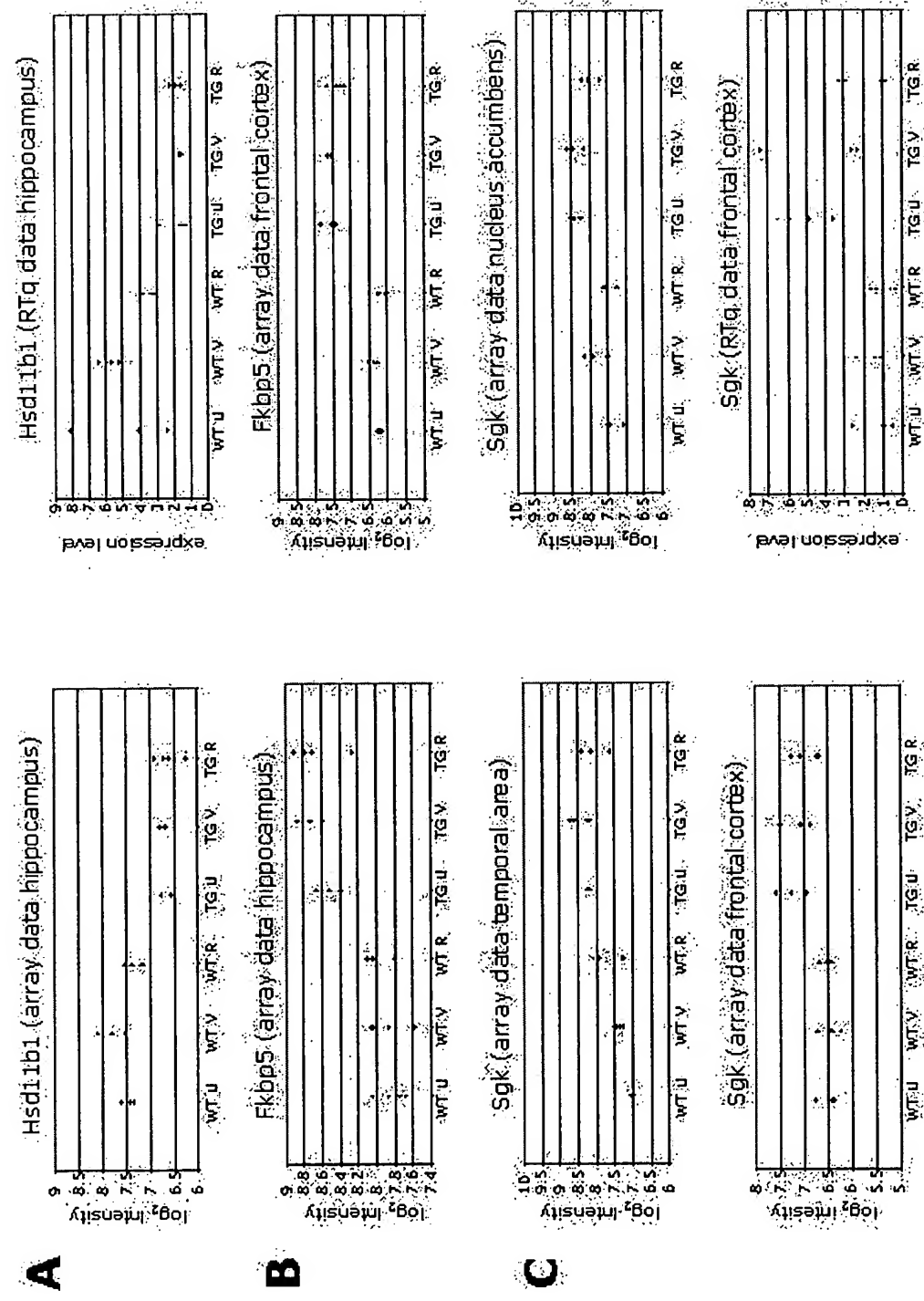


Fig. 4



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Fig.5

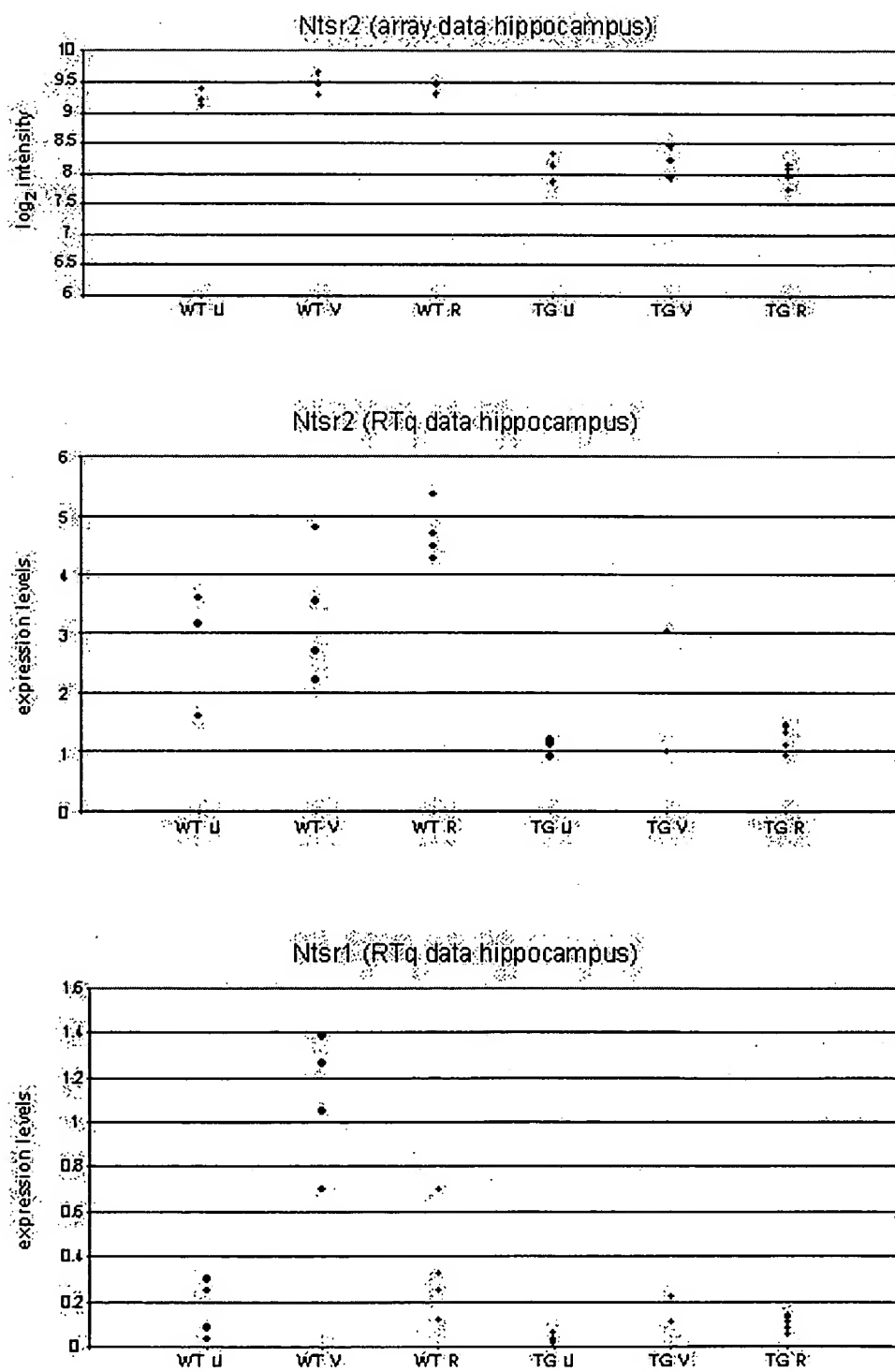


Fig.6

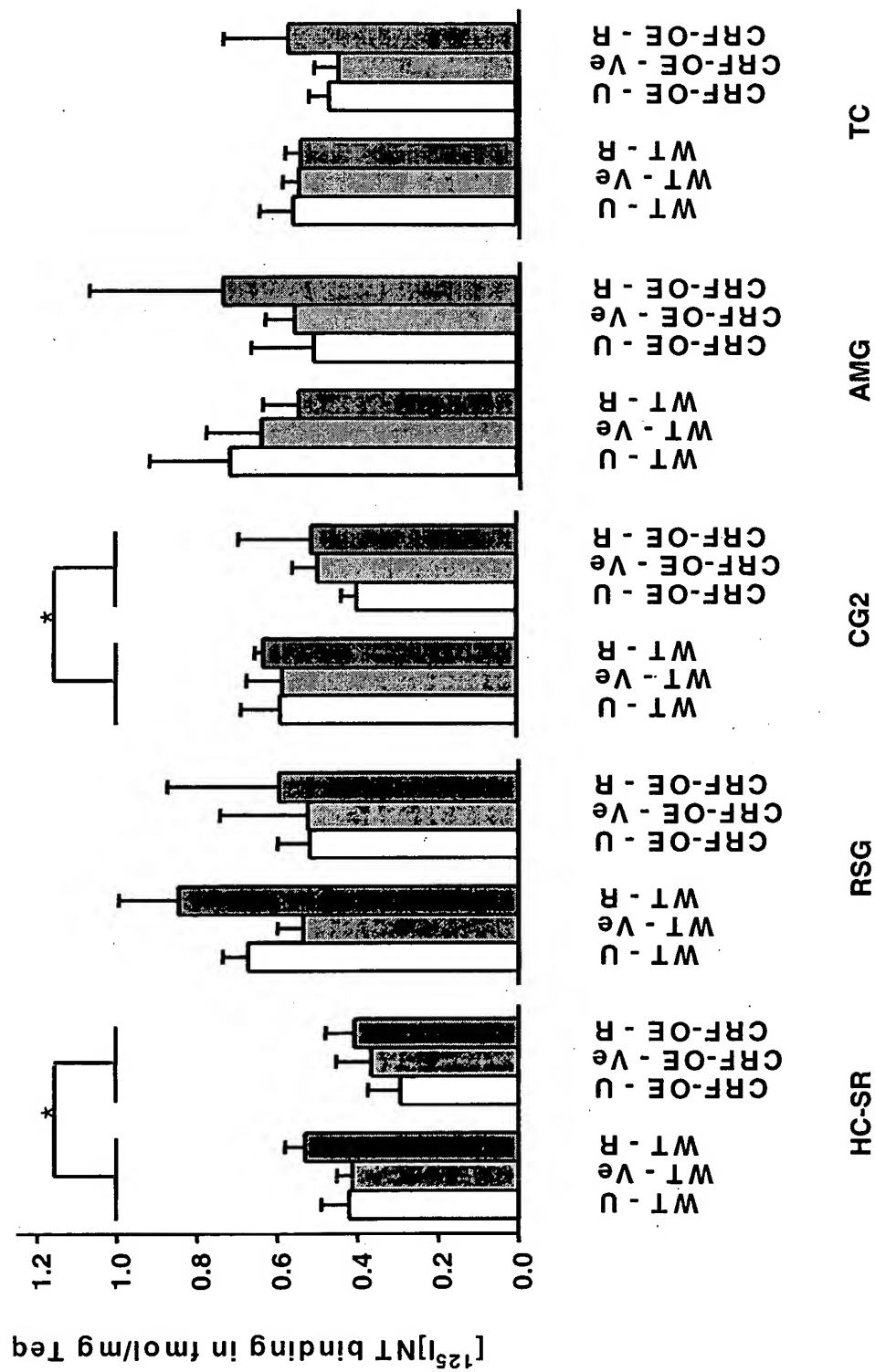
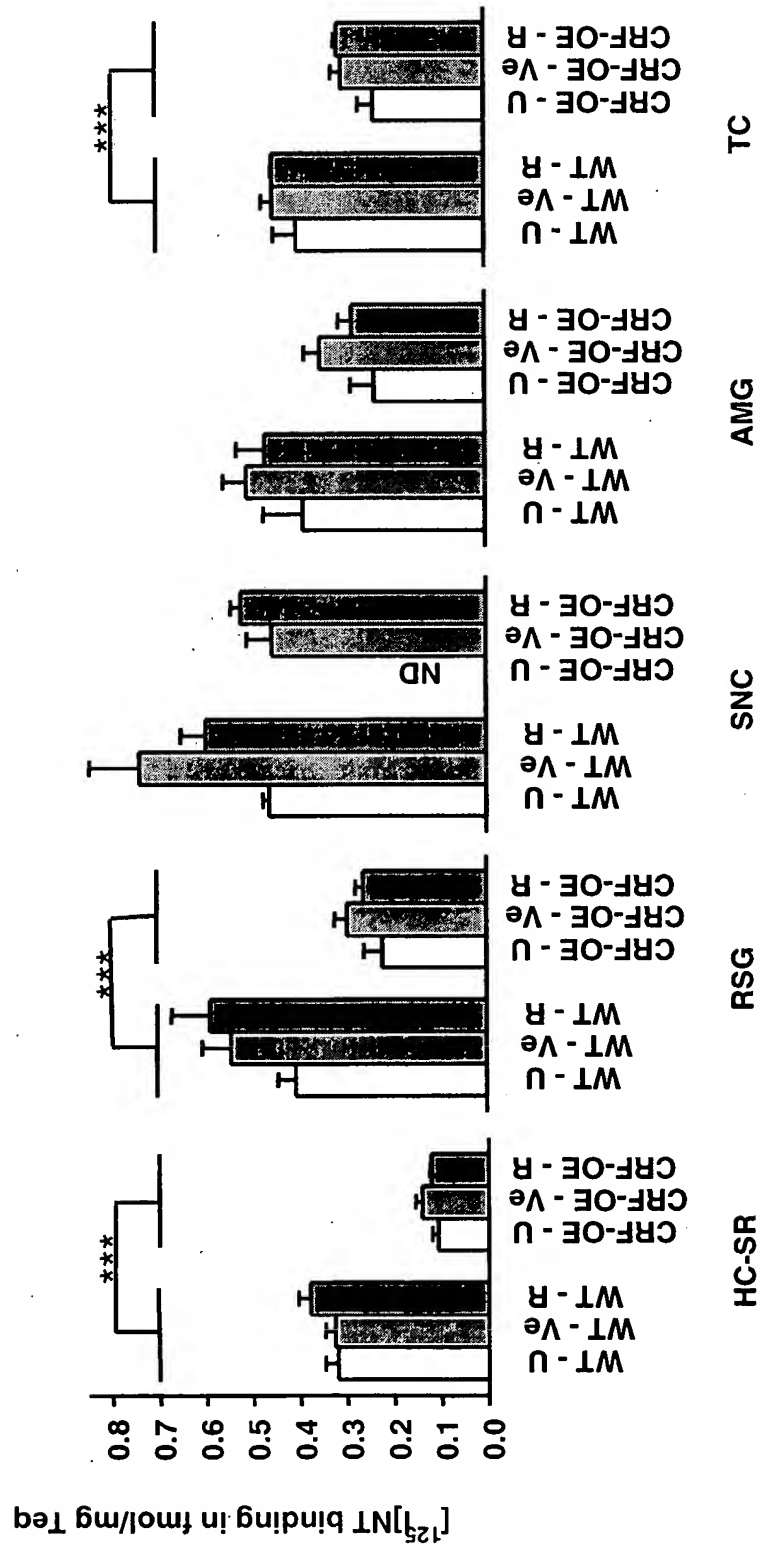


Fig.7



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